

Ayush Gupta

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Jhansi, Uttar Pradesh, India

Education

Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science and Engineering

2022 – 2026

CGPA: 8.38/10

Technical Skills

Programming Languages: Java, SQL, JavaScript

Backend: Spring Boot, REST APIs

Frontend: HTML5, CSS3, React (Basics), Tailwind CSS

Databases: MySQL

DevOps & Tools: Git, Postman, Figma

Projects

QuickLens | Java, Spring Boot, Chrome Extension, Gemini API

AI-Powered Research Assistant Chrome Extension

December 2025

GitHub

- Built a Chrome extension that captures user-selected text and sends it to a Spring Boot backend for AI-powered summarization via REST endpoints
- Forwarded extracted content to Gemini API through a controller-service flow with prompt-based request handling
- Exposed REST endpoints to return concise summaries and persist user notes using Chrome local storage
- Containerized and deployed the Spring Boot backend on Render using environment variables for secure API key management

MailBot | Java, Spring Boot, React, Gemini API

AI-Based Email Reply Generator

December 2025

GitHub

- Built a web application that generates professional email replies from raw email content using user-selected tone
- Designed Spring Boot REST APIs and integrated them with a React frontend for seamless user interaction
- Invoked Gemini API using WebClient with custom prompt templates for controlled response generation
- Deployed the frontend on Vercel and backend on Render with environment-based configuration

WorkTrack | React, Context API, Tailwind

Role-Based Workflow Management System

March 2025

GitHub

- Built a role-based workflow system allowing admins to assign tasks and employees to update task status
- Managed shared state across admin and employee dashboards using React Context API
- Persisted application state using browser local storage to retain data across refresh and sessions

Certifications

Java Programming | HackerRank

July 2025

Data Structures and Algorithms in Java | Apna College

August 2025

Leadership & Achievements

Problem Solving & Competitive Programming

GeeksForGeeks & LeetCode

December 2025

GFG

- Completed the 100 Days of Code challenge by regular problem solving across GeeksForGeeks and LeetCode
- Achieved an institute rank of 334 on GeeksForGeeks with a coding score of 1400+ through consistent practice

Core Member, Design Team

AMS Student Chapter, VIT University

2024 – 2025

Bhopal, India

- Coordinated and distributed tasks within a 5-member team to ensure timely delivery of creatives for club events
- Designed posters and social media creatives to support promotions for major college events